



UNIVERSITATEA TEHNICĂ
DIN CLUJ-NAPOCA

Facultatea de Ingineria Materialelor și a Mediului
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AVIZ
privind îndeplinirea standardelor minimale

Comisia de analiză a dosarelor candidaților înscriși la concursurile didactice și de verificare a informațiilor din fișa de verificare a îndeplinirii standardelor UTC-N din cadrul Facultății de Ingineria Materialelor și a Mediului, numită prin Decizia nr. 327 din 26 aprilie 2023 a Rectorului UTC-N, a analizat dosarul candidatei **SUR Ioana Monica** pentru postul de **Conferențiar, poziția 5**, la Departamentul de Ingineria Mediului și Anteprenoriatul Dezvoltării Durabile și a constatat îndeplinirea standardelor minimale CNATDCU, în conformitate cu "Metodologia de concurs pentru ocuparea posturilor didactice și de cercetare vacante" din Universitatea Tehnică din Cluj-Napoca.

Comisia de analiză:

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Cluj-Napoca
13.06.2023

Fișa de verificare a îndeplinirii standardelor minime naționale

Nume: SUR Prenume: Ioana-Monica
Grad didactic: Conferențiar universitar

Anexa nr. 18. - COMISIA DE INGINERIA MEDIULUI
O.M. 6129/2016 publicat în M.O., Partea I, Nr. 123 bis din 15.02.2017

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIEREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE - DEZVOLTARE

Se definesc:

NT = număr total de articole în reviste ISI

FIC = factor de impact cumulat (suma factorilor de impact al revistelor la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)

NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)

NC = număr total de citări din baza SCOPUS sau ISI Web of Science, excluzându-se autocitările

Concurs de Conferențiar / CS II

Standarde minime (cumulative):

Criteriul	Minimal	Realizat	Criteriu îndeplinit	Grad îndeplinire [%]
a) NT	15	31.00	DA	206.7
b) NP	6	13.00	DA	216.7
NP cu IF>1	4	7.00	DA	175.0
c) FIC ¹	12	34.35	DA	286.3
d) NC	60	139.00	DA	231.7

1. În acest caz în calculul FIC se ține cont de factorul de impact la momentul înscrierii la concursul pentru ocuparea unei poziții didactice. Brevetele naționale (FI = 1) și Brevetele internaționale (FI = 3) intră în calculul FIC de la punctul c)

A. Activitatea de cercetare

1. Articole în reviste cotate ISI Web of Science (FIC=FI daca autor principal, altfel FIC=FI/nr. autori)

Nr. Crt.	Autori	Titlul, revista, vol, an, DOI	Nr. Autori	FI an publicare	FI an evaluare (2023)	Autor principal (DA=1; NU=0)	FIC
1	Micle, V.; Damian, G.E.; Rogozan, G.C.; Sur, I.M	Non-Linear Regression Model for Estimating the Efficiency of Heavy Metals Re-removal by Soil Washing with Chitosan Solution. <i>Appl. Sci.</i> 2023 , 13, 465. https://doi.org/10.3390/app13010465 WOS:000908724400001	4	2.838	2.838	1	2.838
2	Percec I.A, Micle V., Ioana Monica Sur, Șenilă M.,	Characterization of sterile dumps by analytical method ICP-OES: A case study from Baia Mare mining area (Maramures, Romania). <i>Sustainability</i> 2023 , 15(2), 1158 https://doi.org/10.3390/sul15021158 WOS:000926189600001	4	3.889	3.889	1	3.889
3	Brăduț Alexandru Ionescu, Mihail Chira, Horatiu Vernesan, Andreea Hegyi, Adrian-Victor Lăzăreanu, György Thalmaier, Bogdan Viorel Neamtu, Timea Gabor, Ioana Monica Sur	Influence of Fe ₂ O ₃ , MgO and Molarity of NaOH Solution on the Mechanical Properties of Fly Ash-Based Geopolymers. <i>Materials</i> 2022 , 15, 6965 https://doi.org/10.3390/ma15196965 WOS:000866898700001	9	3.748	3.748	0	0.416
4	Ioana Monica Sur, Ana Moldovan, Valer Micle, Evelyn Terez Polyak	Assessment of Surface Water Quality in the Baia Mare Area, Romania. <i>Water</i> 2022 , 14, 3118. https://doi.org/10.3390/w14193118 WOS:000867169300001	4	3.53	3.53	1	3.530
5	Sur, I.M.; Micle, V.; Polyak, E.T.; Gabor, T.	Assessment of Soil Quality Status and the Ecological Risk in the Baia Mare, Romania Area. <i>Sustainability</i> 2022 , 14, 3739 https://doi.org/10.3390/sul14073739 WOS:000780561500001	3	3.889	3.889	1	3.889
6	Ioana Monica Sur, Valer Micle, Andreea Hegyi, Adrian-Victor Lazarescu,	Extraction of Metals from Polluted Soils by Biobleaching in Relation to Environmental Risk Assessment. <i>Materials</i> 2022 , 15, 3973 https://doi.org/10.3390/ma15113973 WOS:000808976400001	4	3.748	3.748	1	3.748
7	Adriana Mihaela. Chirilă Băbău, Valer Micle, Gianina Elena Damian, Ioana Monica Sur	Sustainable Ecological Restoration of Sterile Dumps Using Robinia pseudoacacia, <i>Sustainability</i> 2021 , 13, 14021 DOI10.3390/sul132414021 WOS:000737277000001	4	3.889	3.889	1	3.889
8	Micle Valer, Sur Ioana-Monica	Experimental investigation of a pilot-scale concerning ex-situ bioremediation of petroleum hydrocarbons contaminated soils. <i>Sustainability</i> 2021 , 13, 8165 https://doi.org/10.3390/sul13158165	2	3.889	3.889	1	3.889
9	Oana-Adriana Crișan, Marius Sorin Pustan, Corina Julieta Birleanu, Ancuța Elena Tuce, Ioana Sur, Horea-George Crișan, Florina Șerdean, Lazăr Flămînd, Tiberiu Rusu	Qualitative analysis of filters for the mechanical nanofiltration of household drinking water. <i>Studia Universitatis Babeș-Bolyai, Chemia</i> 2020 , 65(1), 253-266 DOI10.24193/subchem.2020.1.20 WOS:000526912600001	9	0.447	0.558	0	0.062
10	Damian Gianina-Elena, Micle Valer, Sur Ioana-Monica	Removal of heavy metals from contaminated soil using chitosan as washing agent – A preliminary study. <i>Journal of Environmental Protection and Ecology</i> 2020 , 21(3), 823–829 WOS:000566785300003	3	0.634	0.507	0	0.169
11	Sur Ioana-Monica, Micle Valer, Damian Gianina-Elena	Assessment of heavy metal contamination and bioremediation potential of thibacillus ferrooxidans in soils around copper quarry. <i>Journal of Environmental Protection and Ecology</i> 2020 , 21(1) 56–62 WOS:000531885700007	3	0.634	0.507	1	0.507
12	Chirila Babau Adriana Mihaela, Micle Valer, Damian Gianina-Elena, Sur Ioana Monica	Preliminary investigations regarding the potential of robinia pseudoacacia L. (leguminosae) in the phytoremediation of sterile dumps. <i>Journal of Environmental Protection and Ecology</i> 2020 , 21(1), 46–55 WOS:000531885700006	4	0.634	0.507	0	0.127

REALIZAT	
NT	31,00
FIC	34,35
NP	13,00
NP cu FI≥1	7,00
NC	139,00

13	Gabor T., Dan V., Tiuc A.E., Sur I.M., Badila I.N.,	Experimental setup for analysis of drain water heat recovery system in civil buildings, Journal of Environmental Protection and Ecology 2019, 20(4), 1960–1969 WOS:000510868400038	5	0.692	0.507	0	0.101
14	Micle Valer, Pop Dorina, Sur Ioana-Monica, Rogozan George Calin, Damian Gianina-Elena	Non-linear Model for Estimating the Residual Pollutant Concentration after Thermal Desorption of Crude Oil Polluted Soil, Journal of Environmental Protection and Ecology 2019, 20(3), 1120–1131 WOS:000497992700008	5	0.692	0.507	1	0.507
15	Damian Gianina-Elena, Micle Valer, Sur Ioana-Monica	Experimental Investigations Concerning the Effectiveness of Humic Substances to Extract Heavy Metals through Soil Washing, Journal of Environmental Protection and Ecology 2019, 20(3), 1132–1139 WOS:000497992700009	3	0.692	0.507	0	0.169
16	Damian Gianina-Elena, Micle Valer, Sur Ioana-Monica	Mobilization of Cu and Pb from multi-metal contaminated soils by dissolved humic substances extracted from leonardite and factors affecting the process, Journal of soils and sediments 2019, 19(7), 2869-2881 DOI: 10.1007/s11368-019-02291-w WOS:000471166150001	3	2.627	3.536	0	1.179
17	Damian Gianina-Elena, Micle Valer, Sur Ioana-Monica, Chirilă Babău Adriana-Mihaela	From Environmental Ethics to Sustainable Decision-Making: Assessment of Potential Ecological Risk in Soils Around Abandoned Mining Areas-Case Study "Larga de Sus mine" (Romania), Journal of Agricultural and Environmental Ethics 2019, 32(1), 27–49 https://doi.org/10.1007/s10806-019-09767-2 WOS:000467100400003	4	1.398	2.367	0	0.592
18	Damian Gianina-Elena, Micle Valer, Sur Ioana-Monica	Lead and Copper Removal from Multi-Metal Contaminated Soils through Soil Washing Technique using Humic Substances as Washing Agents: The Influence of the Washing Solution pH, Studia Universitatis Babeş-Bolyai Chimia 2019, LXIV, 1, 41-52 DOI:10.24193/subchem.2019.1.03 WOS:000462879600003	3	0.494	0.558	0	0.186
19	Micle V., Sur Ioana Monica, Criste Adriana, Seila M., Levei Erika, Marinescu Mariana, Cristorean Carmen, Rogozan G.C.	Lab-scale experimental investigation concerning ex-situ bioremediation of petroleum hydrocarbons contaminated soils, Soil and Sediment Contamination: An International Journal , 2018, 27(8), 692-705 https://doi.org/10.1080/15320383.2018.1503229 WOS:000450099800004	8	1.25	3.057	0	0.382
20	Chirilă Babău Adriana-Mihaela, Micle V., Sur Ioana Monica	Characterization of Soils in the Almasu Mare Area through the Determination of Lead Concentrations, Studia Universitatis Babeş-Bolyai Chimia 2018, LXIII, 2, 83-91 DOI:10.24193/subchem.2018.2.08 WOS:000440849900008	3	0.275	0.558	0	0.186
21	Pop Dorina, Micle V., Sur Ioana Monica	Optimizing the process of depollution through thermal absorption of soils contaminated with crude oil, Environmental Engineering and Management Journal 2018, 17(11), 2619-2626 DOI: 10.30638/eeemj.2018.260 WOS:000455236000011	3	1.186	0.858	0	0.286
22	Sur Ioana Monica, Micle V., Gabor Timea	Heavy metals removal by bioleaching using <i>Thiobacillus Ferrooxidans</i> , Romanian Biotechnological Letters 2018, 23(2), 2018, 13409-13416 WOS:000431317900005	3	0.321	0.765	1	0.765
23	Stoica Octavian Grigore, Micle Valer, Sur Ioana Monica	Design and execution of an antimicrobial sensor used for monitoring of soil pH, Scientific Papers. Series E: Land Reclamation, Earth Observation & Surveying, Environmental Engineering 2018, 7, 67-73 WOS:000446219500013	3	0	0	0	0.000
24	Chirilă Babău Adriana Mihaela, Micle Valer, Sur Ioana Monica	Research on cadmium soil pollution in the former Almasu Mare mining area, Scientific Papers. Series E: Land Reclamation, Earth Observation & Surveying, Environmental Engineering 2018, 7, 132-135 WOS:000446219500025	3	0	0	0	0.000
25	Timea Gabor, Viorel Dan, Iulian-Nicolae Badila, Ancuta-Elena Tiuc, Ioana Monica Sur,	Improving the energy efficiency of residential buildings by using a drain water heat recovery system, Environmental Engineering And Management Journal 2017, 16(7), 1631 – 1636 DOI:10.30638/eeemj.2017.176 WOS:000415722600023	5	1.334	0.858	0	0.172

26	Sur Ioana Monica, Cimpean Alexandra, Micle Valer, Tanaselia Claudiu	Physical-chemical properties analysis of the soil contaminated with heavy metals from Copsa-Mica area, <i>Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering</i> 2017, 6, 51-56 WOS:000413693400009	4	0	0	1	0.000
27	Băbău Adriana Mihaela, Micle Valer, Sur Ioana Monica	Study on physico-chemical properties of soil in the Radeș mine area, <i>Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering</i> 2017, 6, 108-113 WOS:000413693400019	3	0	0	0	0.000
28	Rogozan, G.C., Micle, V., Sur Ioana-Monica	Maps of heavy metals in Cluj county soils developed through regression-kriging method, <i>Environmental Engineering and Management Journal</i> 2016, 15(5), 1035-1039 DOI: 10.30638/eeemj.2016.114 WOS:000381274100012	3	1.096	0.858	0	0.286
29	Gabor T., Dan V., Tiuc A.E., Sur I.M., Bădăla I.N.	Modeling and simulation of heat transfer processes for heat exchangers with heat pipes used for recovering heat from wastewater, <i>Environmental Engineering and Management Journal</i> 2016, 15(5), 1027 – 1033 DOI:10.30638/eeemj.2016.113 WOS:000381274100011	5	1.096	0.858	0	0.172
30	Sur Ioana Monica, Micle, V., Gabor Timea	The influence of polluted soil aeration in the process of in situ bioremediation, <i>Studia Universitatis Babeș-Bolyai Chimia</i> , 2016, LXI, 3, Tom II, 67-76 WOS:000393578000007	3	0.244	0.558	1	0.558
31	Berar (Sur) Ioana Monica, Micle, V., Avram, S., Șenilă, M., Oros, V.	Bioremediation of some heavy metals from polluted soils, <i>Environmental Engineering and Management Journal</i> , 2012, 11(8), 1389-1393 DOI: 10.30638/eeemj.2012.173 WOS:000310368400004	5	1.435	0.858	1	0.858
13							33.351
FIC1							

2. Brevete de invenție

Internationale (FIC=3 pentru fiecare brevet)

Nr. Crt.	Brevet (Autori, nume, indicativ)	Nr. Autori	FIC
1			
		FIC2	0

Nationale (FIC=1 pentru fiecare brevet)

Nr. Crt.	Brevet (Autori, nume indicativ)	Nr. Autori	FIC
1	Micle Valer, Sur Ioana Monica, Mitrea Mihai, Sur Ioana-Monica, Mitrea M., "Sistem și procedeu de bioremediere ex-situ a solurilor poluate cu hidrocarburi utilizând microorganisme Pseudomonas și Bacillus" - RO132554/2023	3	1
		FIC3	1

1. Articole în reviste ISI Thomson Reuters citate ISI și BDI

Nr. crt.	Articol citat (autorii, titlul, revista, vol., nr., an, pag.)	Articol articol în care este citată lucrarea (autorii, titlul, revista, vol., nr., an, pag.)	Tip citare	Baza de date în care apare
1	Berar (Sur) Ioana Monica, Micle, V., Avram, S., Șenilă, M., Oros, V., Bioleaching of some heavy metals from polluted soils, Environmental Engineering and Management Journal, 2012, 11(8), 1389-1393	Vasile Lucian Pavel, Dana-Luminita Sobariu, Ionela Daniela Tudorache Fertu, Florian Stătescu, Maria Gavrilă, Symbiosis In The Environment Biomangement Of Soils Contaminated With Heavy Metals, European Journal of Science and Theology, August, 9(4), pp. 211 – 224, 2013. Nhttps://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=12&SID=W2BNVAmdbZd8GyK17E&page=1&doc=1	BDI	Scopus/WOS
2		Dan Suditu C., Puleac CG, Bulgariu L, Curteanu S, Application of a neuro-genetic technique in the optimization of heavy metals removal from wastewaters for environmental risk reduction, Environmental Engineering and Management Journal, 2013, 12, (1), pp. 167-174	ISI	Scopus/WOS
3		Covalliu, C.I., Matei, E., Georgescu, G., Mălaeru, T., Biriș, S.S., Evaluation of powdered activated carbon performance for wastewater treatment containing organic (C6 H6 and C6 H5 -CH3) and inorganic (Pb+2and Zn+2) pollutants, Environmental Engineering and Management Journal, 2016, 15(5), pp. 1003-1008	ISI	Scopus/WOS
4		Matei, E., Predescu, A.M., Coman, G., Bălănescu, M., Sohiacu, M., Predescu, C., Favier, L., Niculescu, M. Magnetic nanoparticles used in environmental engineering for Pb and Zn removal, Environmental Engineering and Management Journal, 2016, 15 (5), pp. 1019-1025	ISI	Scopus/WOS
5		Plugaru Sebastian Radu, Rusu Tudor, Molnar Katalin, Fodor Pataki Laszlo, Chromium removal from polluted water and its influence on biochemical and physiological parameters in algal cells used for phytoremediation, Studia Universitatis Babes-Bolyai, Chemia - Sep.2017, Vol. 62 Issue 3, p.225-238	ISI	Scopus/WOS
6		Sebastian Cristian Radu Plugaru, Viorel Dan, Xenia Paula Mentiu, Use Of Green Algae To Reduce Heavy Metals From Industrially Polluted Waters, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. VII, 2018, p.136-139	BDI	Scopus/WOS
7		Marina Senila, Oana Cadar, Ion Miu, Development and Validation of a Spectrometric Method for Cd and Pb Determination in Zeolites and Safety Evaluation, Molecules 2020, 25(11), 2591; https://doi.org/10.3390/molecules25112591	ISI	Scopus/WOS
8		Zhao, H., Liu, P., Qiao, B., Wu, K., The spatial distribution and prediction of soil heavy metals based on measured samples and multi-spectral images in tai lake of China, 2021, Land, 10(11), 1227	ISI	Scopus/WOS
9		Xia, F., Zhu, Y., Hu, B., (...), Shi, K., Xu, L., Pollution characteristics, spatial patterns, and sources of toxic elements in soils from a typical industrial city of Eastern China, 2021, Land, 10(11), 1126	ISI	Scopus/WOS
10		Senila, M., Cadar, O., Senila, L., Angyus, B.S., Simulated Bioavailability of Heavy Metals (Cd, Cr, Cu, Pb, Zn) in Contaminated Soil Amended with Natural Zeolite Using Diffusive Gradients in Thin-Films (DGT) Technique, 2022, Agriculture (Switzerland), 12(3), 321	ISI	Scopus/WOS
11		Su, X., Ling, H., Wu, D., Xue, Q., Xie, L., Spatial-Temporal Variations, Ecological Risk Assessment, and Source Identification of Heavy Metals in the Sediments of a Shallow Eutrophic Lake, China, 2022, Toxics, 10(1), 16	ISI	Scopus/WOS
12		Pradhan, B.; Bhuyan, P.P.; Nayak, R.; Patra, S.; Behera, C.; Ki, J.-S.; Ragusa, A.; Lukatkin, A.S.; Jena, M. Microalgal Phytoremediation: A Glimpse into a Sustainable Environment. Toxics 2022, 10, 525. https://doi.org/10.3390/toxics10090525	ISI	Scopus/WOS
13		Upadhyay, K.; Viramgami, A.; Balachandrar, R.; Padghune, A.; Shaikh, I.; Sivaperumal, P. Development and validation of Graphite Furnace Atomic Absorption Spectrometry method and its application for clinical evaluation of blood lead levels among occupationally exposed lead smelting plant workers, Analytical Sciences, 2023, 39, pages:517–526 DOI:10.1007/s44211-022-00260-x	ISI	Scopus/WOS
14	Sur Ioana Monica, Micle, V., Gabor Timea, The influence of polluted soil aeration in the process of in situ bioremediation, Studia Universitatis Babes-Bolyai Chemia, LXI, 3, Tom II, 2016, 67-76	Plugaru Sebastian Radu, Rusu Tudor, Molnar Katalin, Fodor Pataki Laszlo, Chromium removal from polluted water and its influence on biochemical and physiological parameters in algal cells used for phytoremediation, Studia Universitatis Babes-Bolyai, Chemia, Sep.2017, Vol. 62 Issue 3, p.225-238.	ISI	Scopus/WOS
15		Babau, M. Micle, V. Damian, GE, Varvara, S., Health Risk Assessment Analysis In Two Highly Polluted Mining Areas From Zlatna (Romania), Journal Of Environmental Protection And Ecology, . 2017, 18 (4) . pp.1416-1424	ISI	WOS
16		Sebastian Cristian Radu Plugaru, Viorel Dan, Xenia Paula Mentiu, Use Of Green Algae To Reduce Heavy Metals From Industrially Polluted Waters, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. VII, 2018, p.136-139, WOS:000446219500026	BDI	WOS

34		Molina, M.C., Pérez-Garrido, M., LAUDATO SI' and its influence on sustainable development five years later: A first LOOK at the academic productivity associated to this encyclical, 2022 , Environmental Development, 43, 100726	ISI	Scopus/WOS
35		De Agostini, A.; Cogoni, D.; Cogoni, A.; Vacca, A.; Fenu, G.; Cortis, P. Seed Bank Conservation and Incipient Seed Development in Orchids Colonizing Mining Wastes: Results of a Field Pilot Experiment. <i>Plants</i> 2022 , 11, 3315. https://doi.org/10.3390/plants11233315	ISI	Scopus/WOS
36	Damian Gianina-Elena, Micle Valer, Sur Ioana-Monica , Mobilization of Cu and Pb from multi-metal contaminated soils by dissolved humic substances extracted from leonardite and factors affecting the process, <i>Journal of soils and sediments</i> , 2019, 19(7), 2869-2881	Gusiutin, Zygmunt M., Kulikowska, Dorota, Kilk, Barbara, New-Generation Washing Agents in Remediation of Metal-Polluted Soils and Methods for Washing Effluent Treatment: A Review, <i>International Journal of Environmental Research and Public Health</i> , Volume: 17 Issue: 17 Article Number: 6220 Published: SEP 2020 10.3390/ijerph17176220	ISI	Scopus/WOS
37		Marin Senila, Oana Cadar, Ion Miu, Development and Validation of a Spectrometric Method for Cd and Pb Determination in Zeolites and Safety Evaluation, <i>Molecules</i> 2020 , 25(11), 2591; https://doi.org/10.3390/molecules25112591	ISI	Scopus/WOS
38		Wang, Yupeng; Lin, Qini; Xiao, Rongbo; et al., Removal of Cu and Pb from contaminated agricultural soil using mixed chelators of fulvic acid potassium and citric acid, <i>Ecotoxicology And Environmental Safety</i> , Volume: 206 Article Number: 111179 Published: DEC 15 2020 10.1016/j.ecoenv.2020.111179	ISI	Scopus/WOS
39		Fathy Elbehiry, Heba Elbastouny, Rafaat Ali & Eric C. Brevik, Enhanced Immobilization and Phytoremediation of Heavy Metals in Landfill Contaminated Soils., <i>Water, Air, & Soil Pollution</i> , 231, Article number: 204, 2020	ISI	Scopus/WOS
40		Ahmed Mosa, Ahmed A.Taha, Marwa Elsaied, In-situ and ex-situ remediation of potentially toxic elements by humic acid extracted from different feedstocks: Experimental observations on a contaminated soil subjected to long-term irrigation with sewage effluents, <i>Environmental Technology & Innovation</i> , Volume 23, August 2021 , 101599	ISI	Scopus/WOS
41		Lominska-Platek, D; Anielak, AM, Quantitative balance and analysis of fulvic acids changes in the process of municipal sewage treatment, <i>Water Resources And Industry</i> , 2021 , Vol. 26, Article Number100155, DOI: 10.1016/j.wri.2021.100155	ISI	Scopus/WOS
42		Li, Bo; Duan, Ming-Meng; Zeng, Xi-Bai; et al., Effects of composited organic mobilizing agents and their application periods on cadmium absorption of Sorghum bicolor L. in a Cd-contaminated soil, <i>CHEMOSPHERE</i> Volume: 263 Article Number: 128136 Published: JAN 2021 10.1016/j.chemosphere.2020.128136	ISI	Scopus/WOS
43		J. Liu, L. Zhao, Q. Liu, J. Li, Z. Qiao, P. Sun & Y. Yang, A critical review on soil washing during soil remediation for heavy metals and organic pollutants, <i>International Journal of Environmental Science and Technology</i> , 2021 , Published: 03 February 2022, https://doi.org/10.1007/s13762-021-03144-1	ISI	Scopus/WOS
44		Chen, Dong; Meng, Zhong-wen; Chen, Yi-ping, Effect of humic acid on seedling growth and trace metal accumulation of pak choy (<i>Brassica chinensis</i> L.) cultivated on molybdenum slag-spiked soil, <i>Environmental Science And Pollution Research</i> , volume: 28 Issue: 5 Pages: 6122-6131 Published: Feb. 2021 10.1007/s11356-020-10929-3	ISI	Scopus/WOS
45		Senila, M, Cadar, O; Seula, L; Becze, A. Roman, M; Augyus, B, Brui, G. A Straightforward Method For Determination Of Ba And Sr Total Content In Natural Zeolites Based On Microwave-Assisted Digestion And Inductively Coupled Plasma Optical Emission Spectrometry, <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 2021 , Volume, 66(2), PP. 105-116, DOI: 10.24193/subchem.2021.2.09	ISI	Scopus/WOS
46		Hart, G., Koelher, M., McElroy, T. ; Greipsson, S. , Evaluation of Chelating Agents Used in Phytoextraction by Switchgrass of Lead Contaminated Soil, <i>PLANTS-BASEL</i> , 2022 , 11(8), Article Number, 1012, DOI: 10.3390/plants11081012	ISI	Scopus/WOS
47		Niewes, D ; Huculak-Maczka, M; Braun-Giwerska, M; Marecka, K; Tyc, A; Biegun, M ; Hoffmann, K; Hoffmann, J., Ultrasound-Assisted Extraction of Humic Substances from Peat: Assessment of Process Efficiency and Products' Quality, 2022 , MOLECULES, 27(11), Article Number: 3413, DOI, 10.3390/molecules27113413	ISI	Scopus/WOS
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